

Claims

1. Mixing appliance (1) pertaining to a chemical or biochemical analyser
5 comprising at least one pipette (4) having a body (4b), a free end (4c) and a
head (4a) fixed to a head supporting block (5), and driving means designed
to cause oscillation of the free end (4c) of the pipette (4), the driving means
comprising an actuating unit (3) securedly fixed to a frame (2) and associated
10 with a guiding block (9) operating in conjunction with the body (4b) of the
pipette (4), appliance characterized in that the head supporting block (5) is
mounted in such a way as to rotate freely in the frame (2) around an axis (7)
perpendicular to the plane in which the pipette (4) oscillates.

2. Appliance according to claim 1, characterized in that the guiding block (9)
15 comprises a connecting block (9a), securedly fixed to the axis (19) of the
actuating unit (3), and an eccentric block (9b), securedly fixed to the
connecting block (9a), in contact with the body (4b) of the pipette (4), and
mounted such as to rotate freely around its axis (10).

20 3. Appliance according to claim 2, characterized in that the body (4b) of the
pipette (4) passes through the eccentric block (9b).

4. Appliance according to one of the claims 2 and 3, characterized in that
the axis (10) of the eccentric block (9b) presents an offset of about 0.1mm
25 with respect to the axis (19) of the actuating unit (3).

5. Appliance according to any one of the claims 1 to 4, characterized in that
the actuating unit (3) is a DC motor.

30 6. Appliance according to claim 5, characterized in that it comprises means
for regulating the speed, acceleration or operating time of the motor.